

**Docket No. SAIC0022-CON**

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

Roger Burrowes BRADFORD

Group Art Unit: To Be Assigned

Serial No.: To Be Assigned

Examiner: To Be Assigned

Filed: Herewith

For: METHOD AND SYSTEM FOR FACILITATING THE REFINEMENT OF DATA  
QUERIES

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.97 AND 1.98**

U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window, Mail Stop DD  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Sir:

In accordance with the requirements of 37 C.F.R. §§ 1.56, 1.97-1.98 and MPEP § 609, the references noted on the attached form PTO-1449 are hereby brought to the attention of the Examiner.

No fees are believed to be necessary since the references cited in this statement are being submitted before the First Office Action. The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 1.16 or 1.17 which may be required during the entire pendency of this application, or to credit any overpayment, to Deposit Account No. 501458. A duplicate copy of this letter is submitted herewith for that purpose.

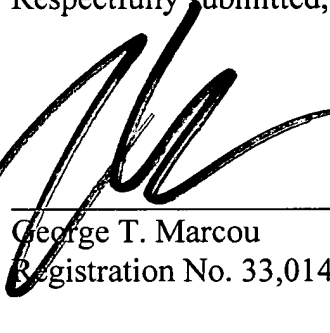
The above information is presented so that the United States Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. See 37 C.F.R. §§ 1.104(a) and 1.106(b) conferring the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Respectfully submitted,

Date: \_\_\_\_\_

10/21/03

By: \_\_\_\_\_



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36609/206798  
WSHLIB01:178973

<b>6,073 Form PTO-1449</b> (Rev. 2-32)		U.S. Department of Commerce Patent & Trademark Office		Atty. Docket No. <b>SAIC0022-CON</b>		Serial No. <b>To Be Assigned</b>	
<b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>				Applicant <b>Roger Burrowes BRADFORD</b>			
				Filing Date <b>Herewith</b>		Group <b>To Be Assigned</b>	

U.S. PATENT DOCUMENTS							
Examiner Initial	*	Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
	*	5,963,940	10/5/99	Liddy, et al.	707	5	8/14/96
	*	5,696,962	12/9/97	Kupiec	395	604	5/8/96
	*	5,694,592	12/2/97	Driscoll	395	603	8/28/95
	*	5,265,065	11/23/93	Turtle	395	600	10/8/91

FOREIGN PATENT DOCUMENTS							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	*	Preliminary Examination Report for Application No. PCT/US01/42028, dated August 5, 2002 (mailing date)
	*	International Search Report for Application No. PCT/US01/42028, dated November 5, 2001 (mailing date)
	*	Ding, C., "A Similarity-Based Probability Model for Latent Semantic Indexing," <i>Proceedings of the 22<sup>nd</sup> Annual SIGIR Conference</i> , Berkeley, CA, August, 1999
		Dumais, Susan, et al., "Automatic Cross-Language Retrieval Using Latent Semantic Indexing," <i>AAAI-97 Spring Symposium Series: Cross-Language Text and Speech Retrieval</i> , Stanford University, March 24-26, 1997, pp. 18-24

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

\* References cited in parent (U.S. Serial No. 09/684,330), and not provided herewith.

OTHER DOCUMENTS CONT'D. (Including Author, Title, Date, Pertinent Pages, Etc.)		
	*	Dumais, S., et al., "Automatic Cross-Linguistic Information Retrieval Using Latent Semantic Indexing," <i>SIGIR '96 – Workshop on Cross-Linguistic Information Retrieval</i> , pp. 16-23, August, 1996. Available at website: <a href="http://lsi.argreenhouse.com/~remde/lsi/LSIpapers.html">http://lsi.argreenhouse.com/~remde/lsi/LSIpapers.html</a>
	*	Dumais, S. T. (1995), "Using LSI for Information Filtering: TREC-3 Experiments," In: D. Harman (Ed.), <i>The Third Text Retrieval Conference (TREC3), National Institute of Standards and Technology Special Publication</i> , 1995. Available at website: <a href="http://lsi.argreenhouse.com/~remde/lsi/LSIpapers.html">http://lsi.argreenhouse.com/~remde/lsi/LSIpapers.html</a>
	*	Dumais, S. T., "Latent Semantic Indexing (LSI) and TREC-2," In: D. Harman (Ed.), <i>The Second Text Retrieval Conference (TREC2), National Institute of Standards and Technology Special Publication 500-215</i> , 1994, pp. 105-116. Available at website: <a href="http://lsi.argreenhouse.com/~remde/lsi/LSIpapers.html">http://lsi.argreenhouse.com/~remde/lsi/LSIpapers.html</a>
	*	Dumais, S. T., "LSI Meets TREC: A Status Report," In: D. Harman (Ed.), <i>The First Text Retrieval Conference (TREC1), National Institute of Standards and Technology Special Publication 500-207</i> , 1993, pp. 137-152. Available at website: <a href="http://lsi.argreenhouse.com/~remde/lsi/LSIpapers.html">http://lsi.argreenhouse.com/~remde/lsi/LSIpapers.html</a>
	*	Deerwester S., et al., "Indexing by Latent Semantic Analysis," <i>Journal of the Society for Information Science</i> , 41(6), pp. 391-407, October, 1990. Available at website: <a href="http://lsi.agreenhouse.com/~remde/lsi/papers/JASIS90pdf">http://lsi.agreenhouse.com/~remde/lsi/papers/JASIS90pdf</a>
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\* References cited in parent (U.S. Serial No. 09/684,330), and not provided herewith.